

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051324AL\  
 Data File : FD047735.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 May 2024 13:10  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e  
 Quant Time: May 13 13:42:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 13 13:08:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.352 | 4489081    | 20.572 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.14%       |
| 12) S 1-chlorooctadecane (S... | 12.791 | 3360945    | 20.625 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.25%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.187  | 3915476    | 20.335 ug/ml |
| 2) T n-Decane (C10)            | 4.239  | 4039093    | 20.402 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.796  | 4491179    | 20.623 ug/ml |
| 4) T n-Dodecane (C12)          | 6.240  | 4065612    | 20.471 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.846  | 4327040    | 20.627 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.024  | 4021986    | 20.592 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.616  | 4140820    | 20.633 ug/ml |
| 8) T n-Octadecane (C18)        | 11.050 | 4194752    | 20.654 ug/ml |
| 10) T n-Eicosane (C20)         | 12.353 | 4023573    | 20.610 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.961 | 3952776    | 20.550 ug/ml |
| 13) T n-Docosane (C22)         | 13.544 | 3908800    | 20.541 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.642 | 3851736    | 20.486 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.657 | 3718820    | 20.529 ug/ml |
| 16) T n-Octacosane (C28)       | 16.602 | 3578967    | 20.536 ug/ml |
| 17) T n-Tricontane (C30)       | 17.485 | 3597785    | 20.617 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.313 | 3484450    | 20.465 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.093 | 3332894    | 20.666 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.828 | 3142129    | 20.555 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.529 | 3036165    | 20.649 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.337 | 2923877    | 20.616 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

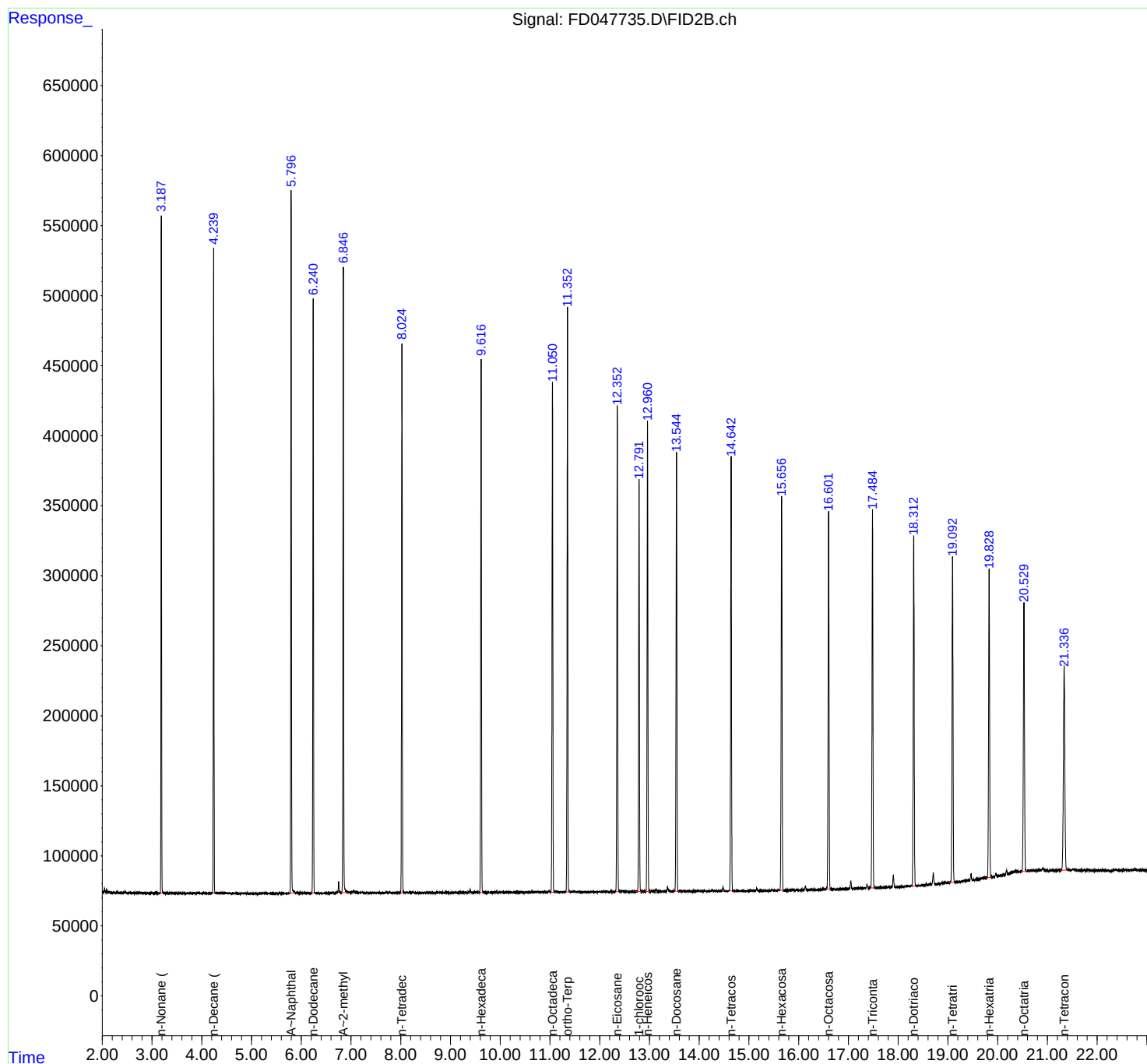
(m)=manual int.

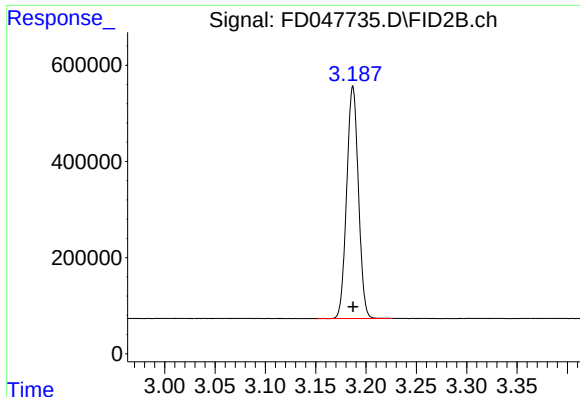
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051324AL\  
Data File : FD047735.D  
Signal(s) : FID2B.ch  
Acq On : 13 May 2024 13:10  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD ICV  
Misc :  
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Integration File: autoint1.e  
Quant Time: May 13 13:42:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 051324.M  
Quant Title : GC Extractables  
QLast Update : Mon May 13 13:08:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

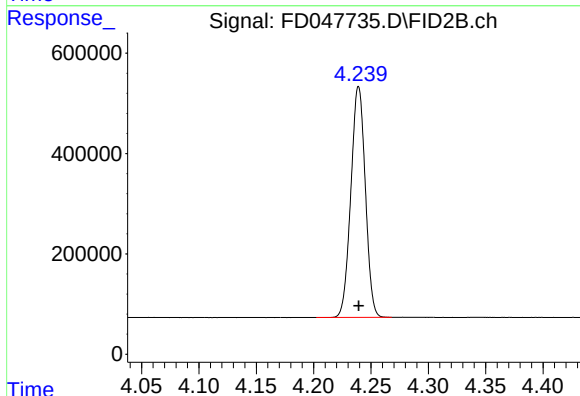
R.T.: 3.187 min  
Delta R.T.: 0.000 min  
Response: 3915476  
Conc: 20.34 ug/ml

Instrument :

FID\_D

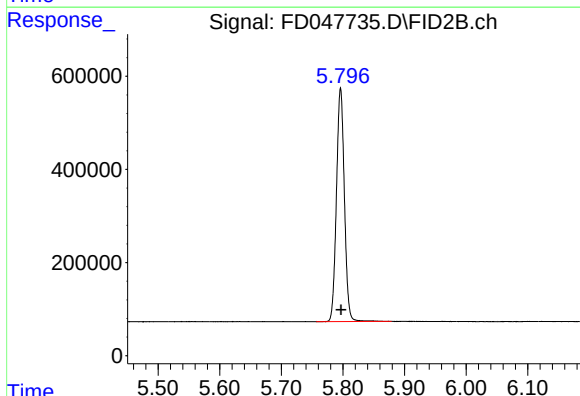
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



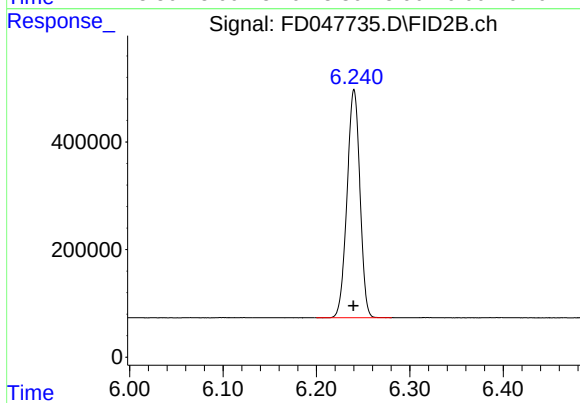
#2 n-Decane (C10)

R.T.: 4.239 min  
Delta R.T.: 0.000 min  
Response: 4039093  
Conc: 20.40 ug/ml



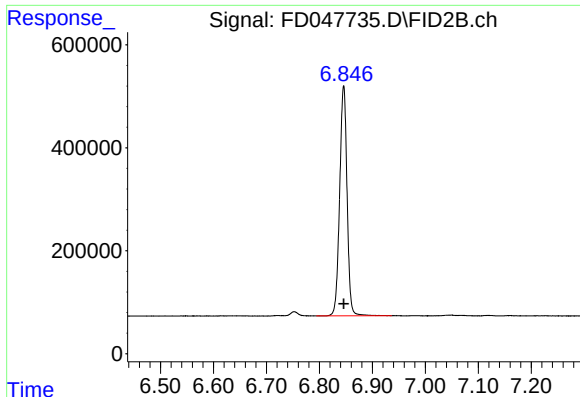
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 4491179  
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 4065612  
Conc: 20.47 ug/ml



#5 A~2-methylnaphthalene (C12.89)

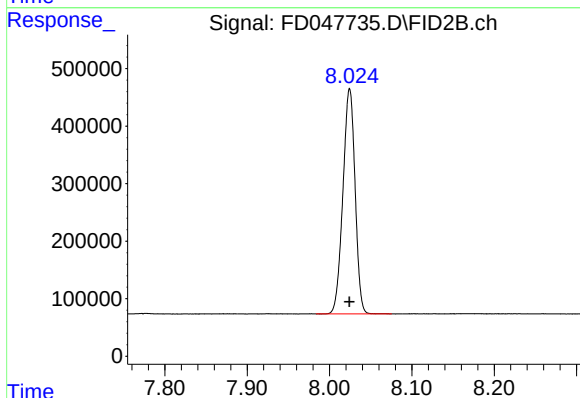
R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 4327040  
Conc: 20.63 ug/ml

Instrument :

FID\_D

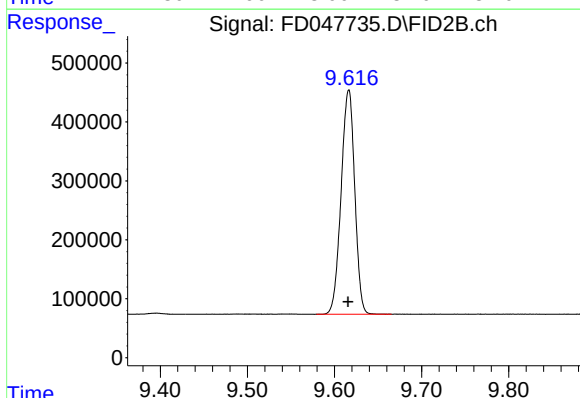
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



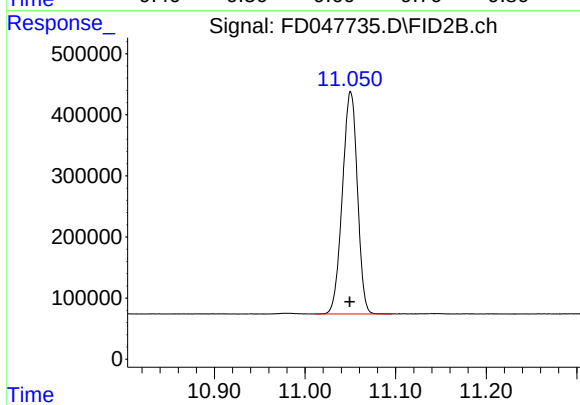
#6 n-Tetradecane (C14)

R.T.: 8.024 min  
Delta R.T.: 0.000 min  
Response: 4021986  
Conc: 20.59 ug/ml



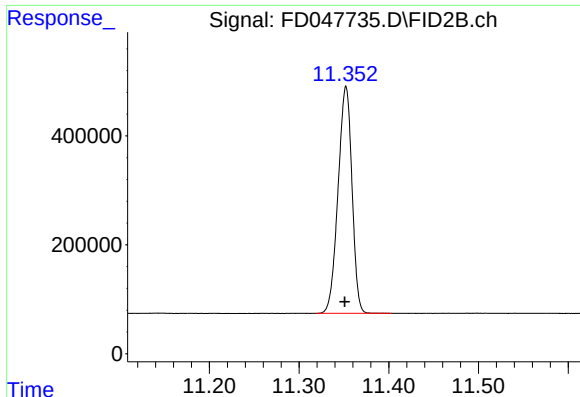
#7 n-Hexadecane (C16)

R.T.: 9.616 min  
Delta R.T.: 0.000 min  
Response: 4140820  
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

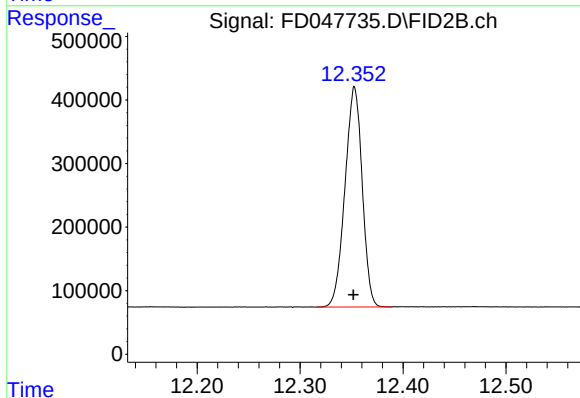
R.T.: 11.050 min  
Delta R.T.: 0.001 min  
Response: 4194752  
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

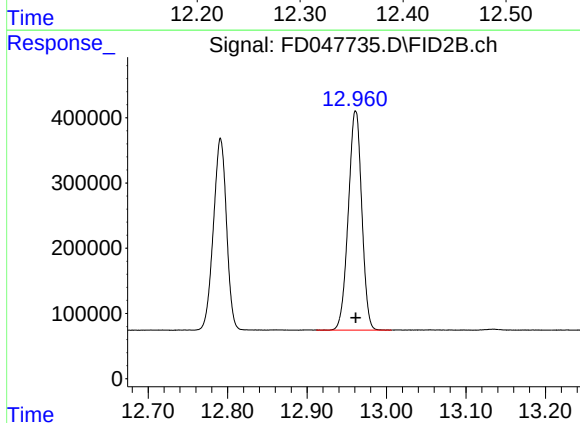
R.T.: 11.352 min  
Delta R.T.: 0.002 min  
Response: 4489081  
Conc: 20.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



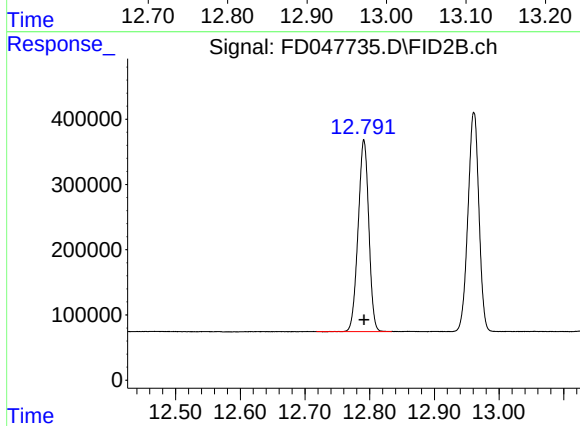
#10 n-Eicosane (C20)

R.T.: 12.353 min  
Delta R.T.: 0.000 min  
Response: 4023573  
Conc: 20.61 ug/ml



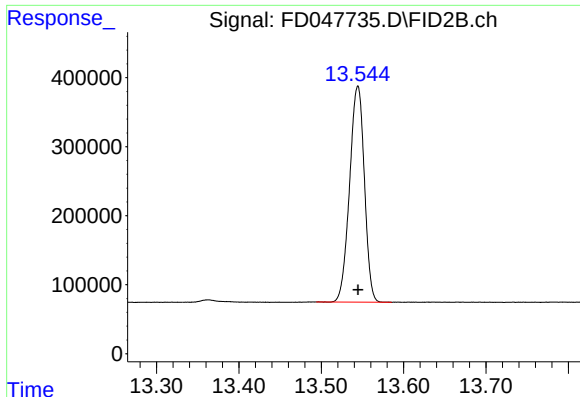
#11 n-Heneicosane (C21)

R.T.: 12.961 min  
Delta R.T.: 0.000 min  
Response: 3952776  
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.791 min  
Delta R.T.: 0.000 min  
Response: 3360945  
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

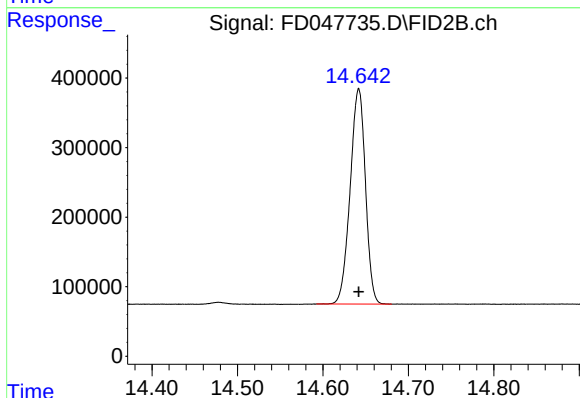
R.T.: 13.544 min  
Delta R.T.: 0.000 min  
Response: 3908800  
Conc: 20.54 ug/ml

Instrument :

FID\_D

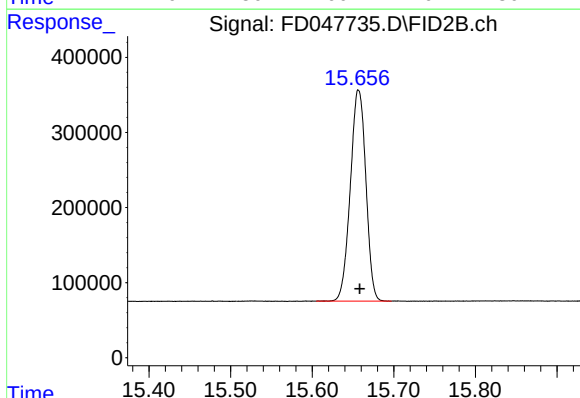
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



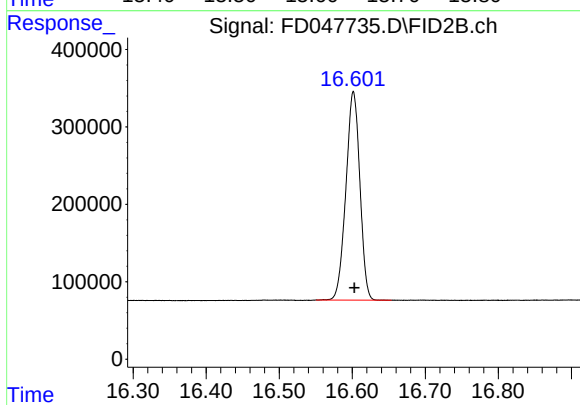
#14 n-Tetracosane (C24)

R.T.: 14.642 min  
Delta R.T.: 0.000 min  
Response: 3851736  
Conc: 20.49 ug/ml



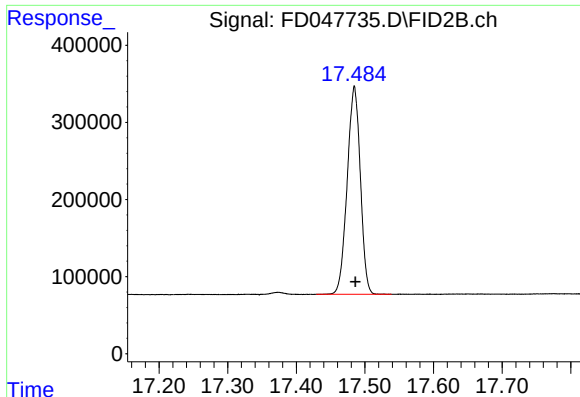
#15 n-Hexacosane (C26)

R.T.: 15.657 min  
Delta R.T.: -0.001 min  
Response: 3718820  
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

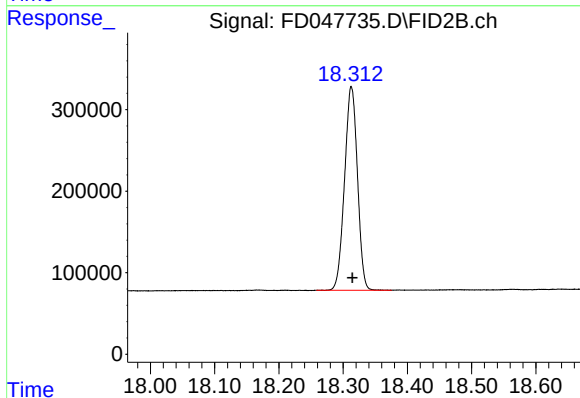
R.T.: 16.602 min  
Delta R.T.: -0.002 min  
Response: 3578967  
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

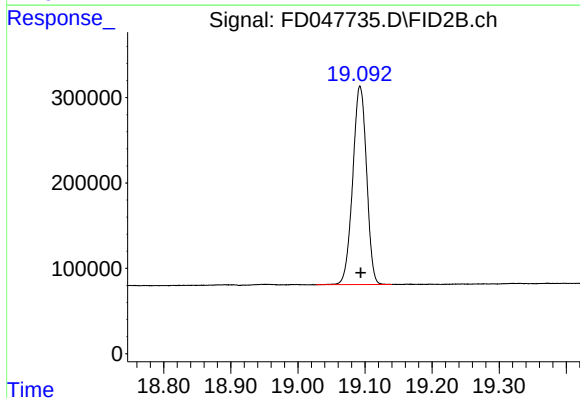
R.T.: 17.485 min  
Delta R.T.: -0.001 min  
Response: 3597785  
Conc: 20.62 ug/ml

Instrument :  
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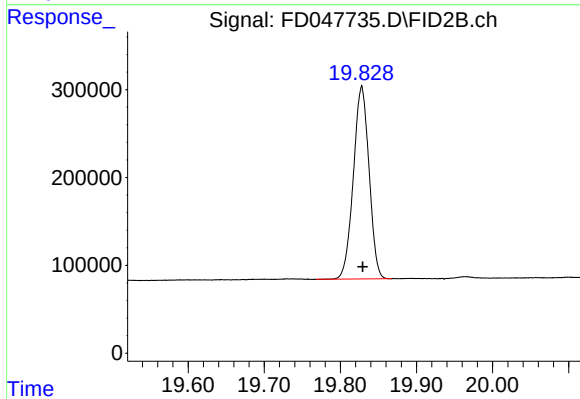
#18 n-Dotriacontane (C32)

R.T.: 18.313 min  
Delta R.T.: -0.002 min  
Response: 3484450  
Conc: 20.47 ug/ml



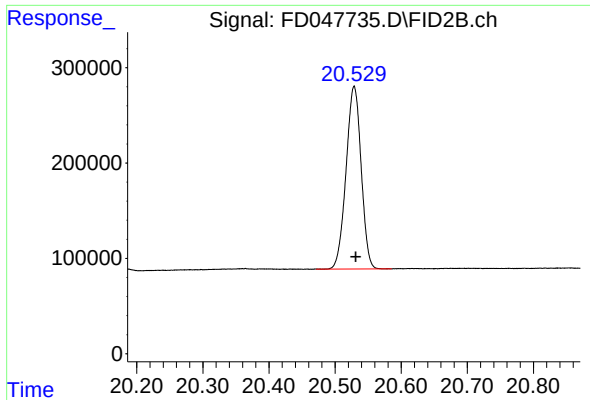
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min  
Delta R.T.: -0.001 min  
Response: 3332894  
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

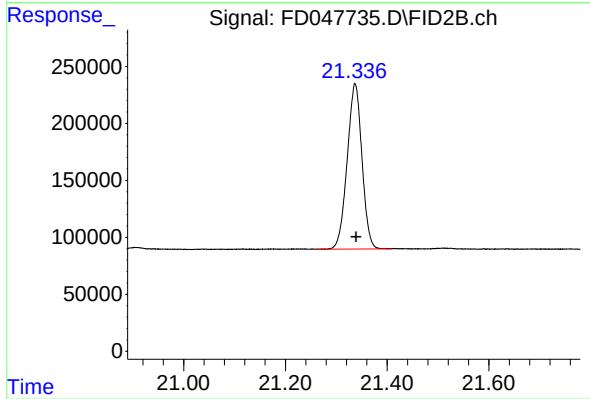
R.T.: 19.828 min  
Delta R.T.: -0.001 min  
Response: 3142129  
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min  
Delta R.T.: -0.002 min  
Response: 3036165  
Conc: 20.65 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.337 min  
Delta R.T.: -0.002 min  
Response: 2923877  
Conc: 20.62 ug/ml